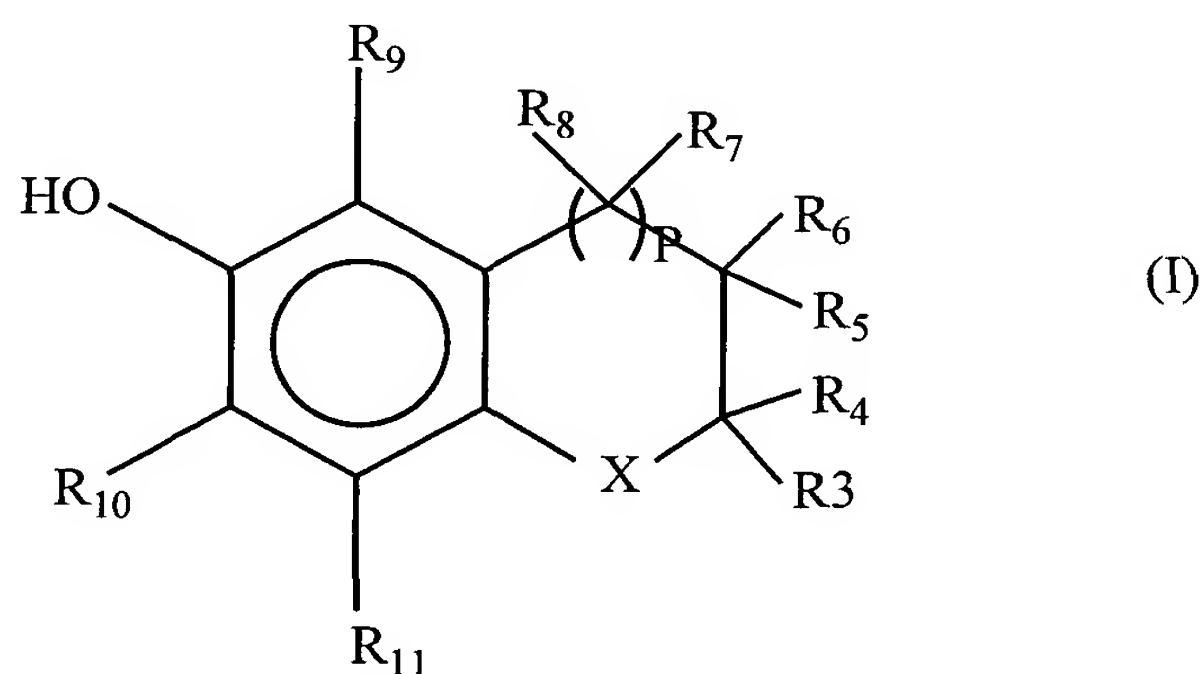


A COMONOMER, AND A POLYMER STABILIZED WITH IT DURING POLYMERIZATION

ABSTRACT

AA The invention concerns an E-vitamin derivative or a compound analogous with it, having formula (I), where X is an oxygen or sulfur atom, p is an integer 0 or 1, and R₃-R₁₁ are identical or different groups selected from hydrogen, C₁₋₆alkyl or α-alkene having formula (II), where n, m and o are integers 0-4 independent of each other and R₁ and R₂ are identical or different groups selected from hydrogen or C₁₋₆alkyl or C₁₋₆alkene, which may be substituted with an aromatic ring, or R₇ and R₈ are together an oxygen atom and/or R₄ and R₅ and/or R₁₀ and R₁₁ form together with the carbon atoms to which they are bonded a benzene ring, which may be substituted with groups selected from hydrogen, C₁₋₆alkyl or α-alkene.



The invention also concerns the use of a derivative consistent with formula (I) as a stabilizing comonomer, and a stabilized copolymer and a method for the production of a stabilized copolymer.

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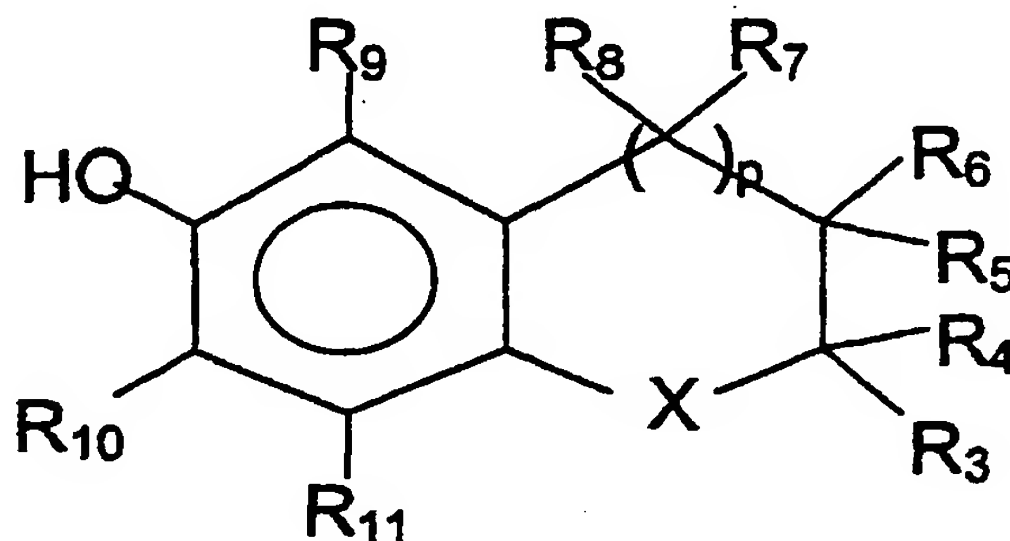
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(I)



(II)

(57) Abstract: The invention concerns an E-vitamin derivative or a compound analogous with it, having formula (I), where X is an oxygen or sulfur atom, p is an integer 0 or 1, and R₃ - R₁₁ are identical or different groups selected from hydrogen, C₁₋₆alkyl or α-alkene having formula (II), where n, m and o are integers 0 - 4 independent of each other and R₁ and R₂ are identical or different groups selected from hydrogen or C₁₋₆alkyl or C₁₋₆alkene, which may be substituted with an aromatic ring, or R₇ and R₈ are together an oxygen atom and/or R₄ and R₅ and/or R₁₀ and R₁₁ form together with the carbon atoms to which they are bonded a benzene ring, which may be substituted with groups selected from hydrogen, C₁₋₆alkyl or α-alkene.

The invention also concerns the use of a derivative consistent with formula (I) as a stabilizing comonomer, and a stabilized copolymer and a method for the production of a stabilized copolymer.